

A B S T R A C T

A SYSTEM FOR ASSISTING IN THE REGENERATION OF DEPOLUTION MEANS INTEGRATED IN AN EXHAUST LINE OF A VEHICLE DIESEL
5 ENGINE

This system in which the depollution means (1) are associated with oxidation catalyst-forming means (2), and the engine (4) is associated with common rail means (7) for feeding it with fuel and adapted to implement a regeneration strategy using at least one post-injection of fuel into the cylinders, is characterized in that it includes means (8) for detecting a request for regeneration (req.RG), means (9) for detecting that the engine is in a stage of idling, means (11) for acquiring temperature downstream from the catalyst-forming means, means (8) for determining a maximum duration for post-injection application during the stage of idling on the basis of said temperature, and means (7, 8) for progressively reducing the post-injection as soon as the duration of use has reached the maximum duration.

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